USDA, Natural Resources Conservation Service

Addressing Salinity in the Central Valley

NRCS

 Address resource concerns (such as soil salinity and water quality) through voluntary technical and financial assistance to agricultural producers

National Cooperative Soil Survey

Technical Assistance

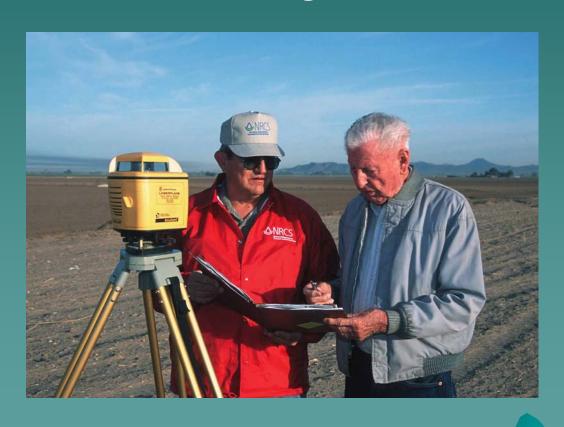
Planning



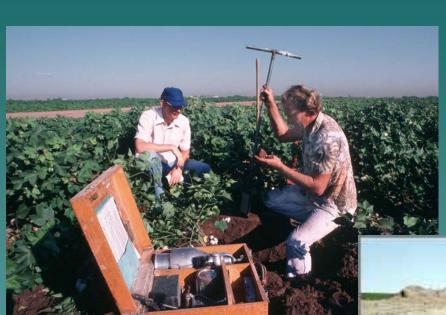


Technical Assistance

Design















- NRCS maintains over 200 Practice Standards
- Establishes the purpose and minimum planning and design criteria for the practice
- New Practice Standards are developed as new technology is developed and proven

Environmental Quality Incentive Program (EQIP)

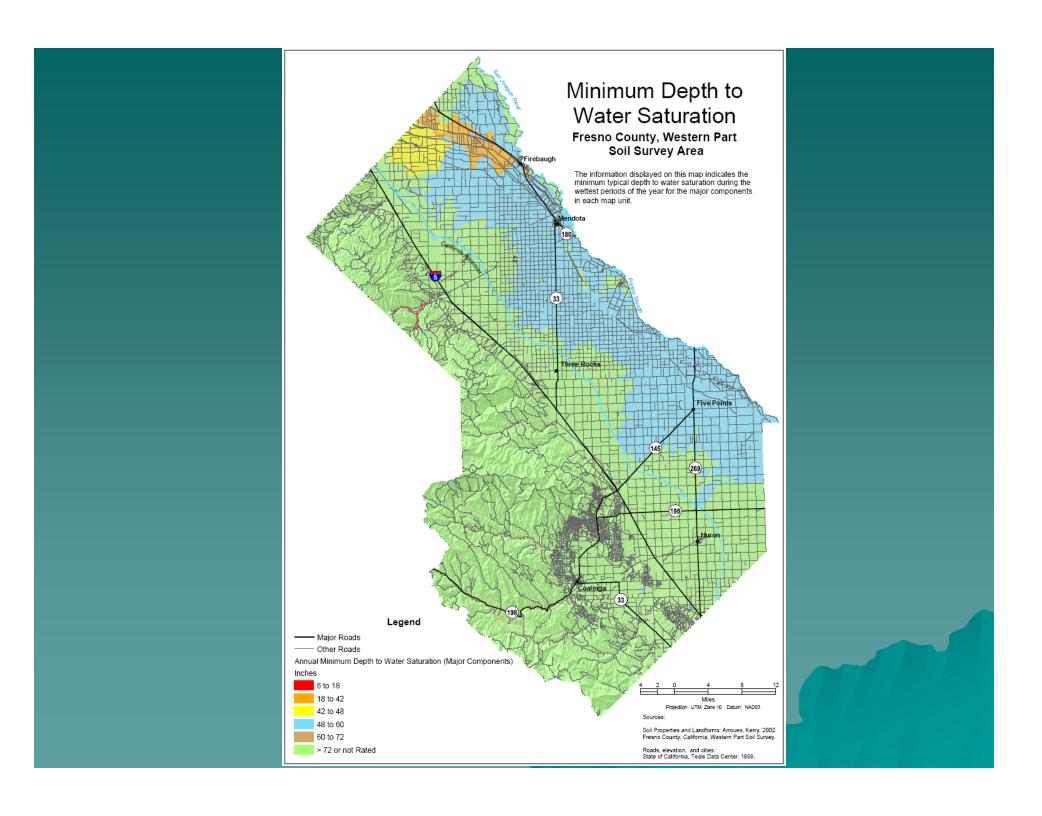
- 50% cost share for installing conservation practices
- Irrigation and manure management practices are the primary practices funded in many Central Valley NRCS county offices
- Fresno County NRCS includes salinity in their criteria to rank EQIP applications

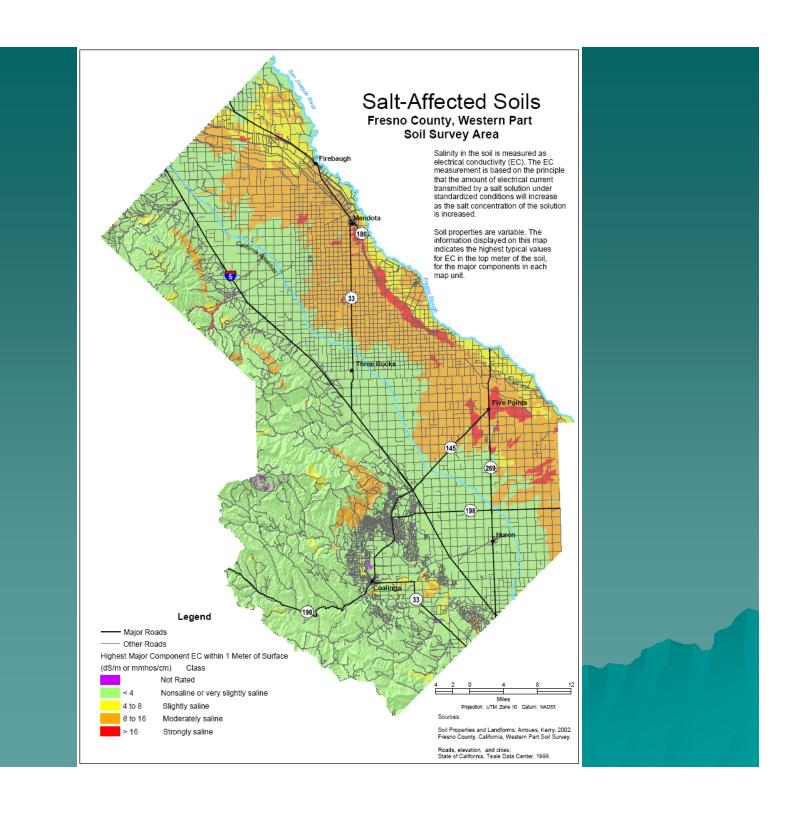
Conservation Innovation Grants

- Evaluate and demonstrate promising new technology
- National Level and State Level funds
- Request for proposal process

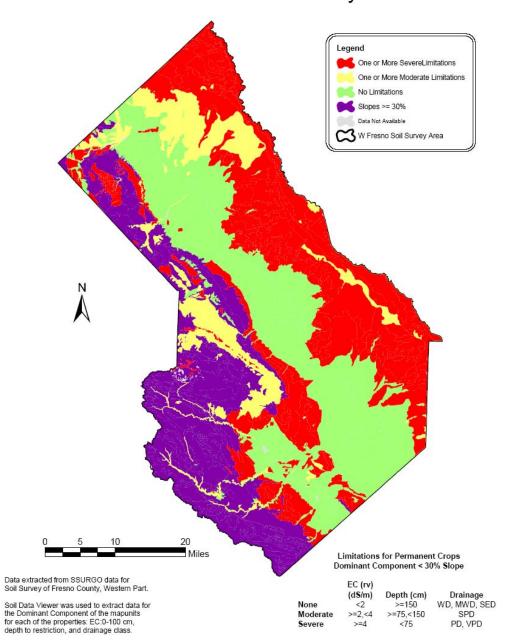
Soil Survey

- Essentially all irrigated land in California has been mapped
- Soil Surveys include data bases of soil physical and chemical properties, land use production, climate, land use limitations, etc
- Many are available in digital formats





Suitability for Permanent Crops West Fresno Soil Survey



Partnerships

- Resource Conservation Districts, Department of Water Resources, Others
- Salinity Mapping
- Integrated Farm Drainage Management

NRCS Approach to Salinity Management

Maintain soil quality

Source reduction

 Provide producers with the tools they need to manage their soil resource the best they can while minimizing offsite impacts